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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/563,505	01/05/2006	Wilhelmus Christianus Maria Lohbeck	TS6437US	8251
23632	7590	09/20/2007		
SHELL OIL COMPANY P O BOX 2463 HOUSTON, TX 772522463			EXAMINER HARCOURT, BRAD	
			ART UNIT 3672	PAPER NUMBER
			MAIL DATE 09/20/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/563,505	Applicant(s) LOHBECK ET AL.	
	Examiner Brad Harcourt	Art Unit 3672	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 and 12 is/are rejected.
- 7) ☒ Claim(s) 8-11 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 January 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>1/05/2006</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

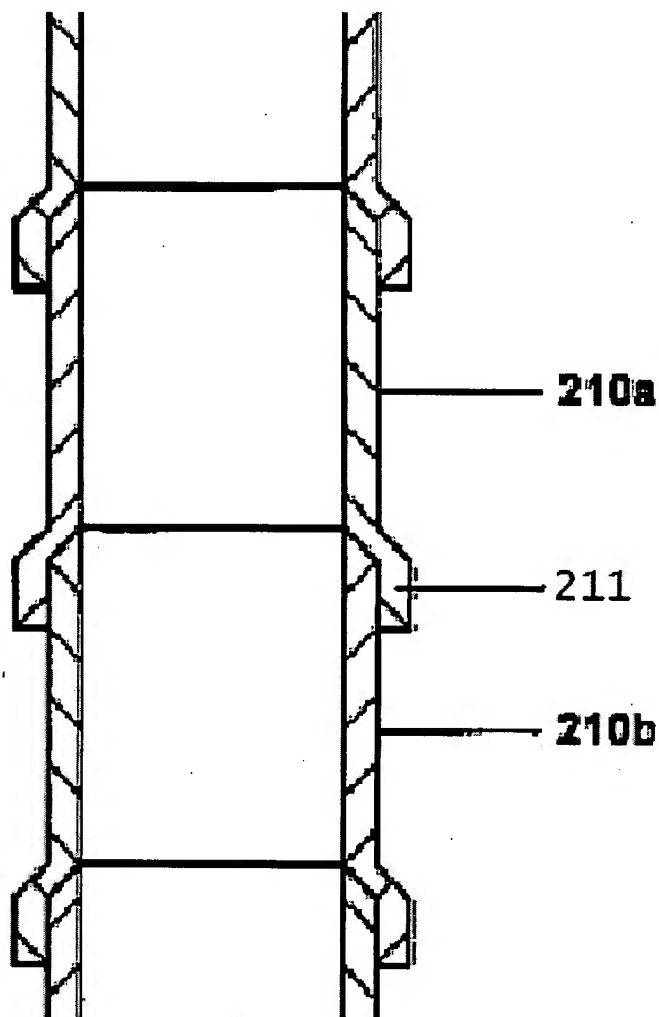
Claims 1-3 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kendziora (International Publication No. WO 03/029607) in view of Harrall et al. (US Patent Application Publication No. 2005/0011650).

Kendziora discloses a method and apparatus (see figure below) for expanding a tubular comprising first tubing section 210a, second tubing section 211; and expandable sleeve 210b. In operation, using expander 905; first and second tubing sections 210a and 211 are expanded; sleeve 210b is placed adjacent to second tubing section 211; sleeve 210b is expanded to the same diameter of tubing section 210a, and second tubing section 211 is expanded to a diameter the sum of first section 210a and twice the wall thickness of sleeve 210b.

Kendziora discloses all of the limitations of the above claims with the exception of retrieving an expandable sleeve. Harrall discloses a method and apparatus for expanding tubing comprising using a rotary expansion tool 526 to sever and remove expandable sleeve 565 (Fig. 13D). It would have been obvious to a person having ordinary skill in the art at the time of the invention to include a method of removing a

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sleeve or other tubular from the wellbore in the system of Kendziora in view of Harrall to provide a means of disassembling a casing string if it should be required.



Claims 4-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kendziora (International Publication No. WO 03/029607) in view of Harrall et al. (US Patent Application Publication No. 2005/0011650) as applied to claim 1 above, and further in view of Schetky et al. (US Patent No. 6,772,836).

Kendziora and Harrall disclose all of the limitations of the above claims with the exception of using an expandable sleeve with a plurality of openings defining a pattern

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of members subjected to bending upon radial expansion of the sleeve. Schetky discloses an expandable tubular "such as a casing, tube, patch, or pipe" (col. 4, lines 8-9) comprising struts 21 and 22 that bend and are connected at hinges (Fig. 4a). Struts 21 and 22 are longitudinally overlapping slots (Fig. 4B) while the tubular is unexpanded. It would have been obvious to a person having ordinary skill in the art at the time of the invention to include slots that bend during radial expansion of an expandable tubular in the system of Kendziora in view of Harrall and in further view of Schetky to provide an expandable tubular that can expand without causing undue strain on its structure.

Allowable Subject Matter

Claims 8-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

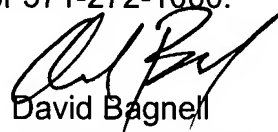
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brad Harcourt whose telephone number is 571-272-7303. The examiner can normally be reached on Monday through Friday from 8:30 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



David Bagnell
Supervisory Patent Examiner
Art Unit 3672

BH
8/31/07